

PowerBird®

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| (D) Elektro-mechanisches Blindnietgerät
Betriebsanleitung mit Ersatzteilliste | (S) Elektro-mekanisk blindnietpistol
Bruksanvisning med reservdelslista |
| (GB) Battery Powered Riveting Tool
Operating Manual with Spare Parts List | (N) Elektro mekanisk blindnaglepistol
Bruksanvisning med reservedelliste |
| (F) Riveteuse électro-mécanique
Mode d'emploi avec pièces de rechange | (FIN) Sähkömekaaninen sokkoniihtauslaite
Käyttöohje ja varaosalista |
| (E) Remachadora eléctrica
Instrucciones de manejo con lista de repuestos | (P) Equipamento eletromecânico de rebiteagem cega
Instrução de serviço com lista de peças de reposição |
| (I) Rivettatrice elettrica a batteria
Manuale per l'uso e la manutenzione ed elenco parti di ricambio | (PL) Nitownica akumulatorowa
Instrukcja obsługi wraz ze spisem części zamiennych |
| (NL) Elektro mechanisch blindklinkpistool
Bedienings- en onderhouds handleiding met onderdelenlijst | (H) Elektro-mechanikus szegecsőző készülék
Üzemeltetési utasítás,alkatrészlistával |
| (DK) Elektro-mekanisk blindnietteapparat
Betjeningsvejledning med reservedelsliste | (CZ) Elektro-mechanický nýťovací přístroj
Návod k obsluze s listinou náhradních dílů |



GESIPA Blindniettechnik GmbH
Nordendstraße 13-39
D-64546 Mörfelden-Walldorf
T +49 (0) 6105 962 0
F +49 (0) 6105 962 287
info@gesipa.com
www.gesipa.com

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1.5. Safety instructions

Blind rivet setting tool PowerBird®



Caution:

Following safety rules must be followed for adequate protection against electrical shock, injuries or fire hazards:

- The riveting tool should be used exclusively to set blind rivets.
- Do not overload the tool; Work within the prescribed work capacity.
- Do not expose the tool to humidity or rain, do not operate the tool close to inflammable substances or gases: **Risk of explosion!**
- Ensure that the battery is properly secured in the tool handgrip.
- Remove the battery when the tool is not in use and for repair/servicing operations.
- Do not use the tool as a hammer.
- When not in use, keep the tool in a dry closed room, out of reach of children.
- When working with the tool, always carry protection goggles. Personal protection like clothes, gloves, safety helmet, non slipping shoes, ear protectors and protection against fall are highly recommended.
- The air inlets for the engine should not be obstructed. Do not introduce anything into them.
- When depositing the tool, make sure that it cannot fall down.
- Use only genuine spare parts for repair.
- Repair work must be carried out by skilled personal. In case of doubt, always send back the tool to the manufacturer!
- Do not use the tool outside of riveting holes. The blind rivet could be ejected from the tool. Never turn the tool towards yourself or towards another person.
- Part N° 39 (mandrel container) must be mounted on the tool during operation.

1.6. Starting Procedure

- Engage fully charged battery in correct position into housing.
- Select correct nosepiece (according to table 1.4.) and screw into head.
- Attention: Do not cover the vent holes and do not obstruct the vent holes.

1.7. Operating Procedure

- Depressing the switch starts the operation.
- When releasing the switch the jaw assembly returns to the start position automatically.
- Eject the spent mandrel by tilting to the rear into the spent mandrel container or to the front through the nosepiece.
- The riveting tool is equipped with an overload protection. In the event of an overload the operation will be stopped and the red light shows. Release the switch and the assembly will return to the start position.
- The battery will keep the power relatively stable until a sudden drop-off, resulting in only 2-3 more rivets being set. The jaw mechanism will automatically return to the starting position when the switch has been released.

1.8. Maintenance

The maintenance of the riveting tool is limited to the complete jaw assembly:

- Remove the battery (part no. 40) from tool housing.
- Unscrew the head (part no. 13) from the tool and clean. Look for deposits in the head.
- Unscrew the jaw housing (part no. 12) from the coupler (part no. 7) using an open end wrench SW 17.
- Take out the jaws (part no. 11), clean and lubricate or replace them if worn.
- Re-assemble in reverse order ensuring that all parts are tightened!





2. Charger and battery

2.1. Technical characteristics

2.1.1. Battery charger

Type:	12355/12356
Input voltage:	220-240VAC/50-60Hz
Output voltage:	14,4VDC
Output current:	1,5A max.
Weight:	0,6kg

2.1.2. Battery

Nominal voltage:	14,4VDC
Number of cells:	4/8
Cell:	Li-Ion
Capacity:	1,3Ah/2,6Ah
Weight:	0,35/0,5kg

2.2. . Safety Instructions

2.2.1. Battery charger

Caution:

Following safety rules must be followed for adequate protection against electrical shock, injuries or fire hazards:

- The charger must be exclusively used to charge GESIPA batteries.
- Check regularly cord, plug and device and have it fixed by skilled personal when damaged.
- Use exclusively genuine plugs and cords and genuine spare parts for repair.
- Never use the charger in humid or wet environment, or close to inflammable substances or gases: **Explosion hazard!**
- Take the charger out of its package before use. Insert the battery in the right way (pole+ to pole+) into the charger bay. Insertion should take place without noticeable effort.
- Never try to charge non rechargeable batteries.
- Store the charger in a dry closed room, out of reach of children.
- Never insert metallic parts into the charging bay: Short circuit hazard.
- When the charger is wall-mounted, make sure that the inserted battery cannot fall down.
- Do not operate this battery charger at altitudes exceeding 2.000 meter above sea level.

- This battery charger should not be operated neither by physically disabled or mentally affected people, nor by untrained or unskilled people.

2.2.2. Battery

Caution:

Following safety rules must be followed for adequate protection against electrical shock, injuries or fire hazards:

- Never try to charge a damaged battery.
- Do not insert a dirty or wet battery into the charger.
- Never throw batteries into the waste, into fire or into water.
- Do not charge a battery when the environment temperature is below 0°C.

2.3. Charging procedure

- Charge only GESIPA batteries when the environment temperature is between 0°C and 40°C.
- Take the charger out of its package and connect to mains. Check the input voltage on the type label before connecting.
- Insert the battery in the right way (pole+ to pole+) into the charger bay. Insertion should take place without noticeable effort.
- The charging operation starts automatically when the battery is inserted into the charging bay.

Function lights:

Steady green: Battery is charged,

preserv.charge in process

Blinking green: Charging

Steady red: Charging temperature out of range (battery too hot or too cold)

Blinking red: Battery is defective

Typical charging cycles:

Type	Part Number	Charging cycle*
1,3 Ah	725 1045	approx. 50 min
2,6 Ah	725 1049	approx. 100 min

*charging cycles may vary according to the rest capacity and the battery temperature.

2.4. Battery handling

- Use only cold batteries to obtain optimum charging.
- The GESIPA batteries can be charged approx. 1.000 times and reaches its maximum capacity only after several charging cycles.
- Do not insert the battery into the charger after each use, but wait until the battery is fully discharged (tool cannot set the rivet).
- Recharge the battery after a long period of inactivity.
- Battery autonomy becoming shorter despite of proper recharging means that the battery must be replaced.
- Keep the battery in dry and warm rooms.
The optimum operating temperature range is 10°C to 50°C.

2.5. Environmental protection

If batteries have to be replaced, the following instructions should be followed:

- Bring back discarded batteries to your GESIPA agent or to GESIPA for recycling.
- Never throw away discarded batteries into waste, fire or water.



3. Trouble Shooting

3.1. Blind rivet cannot be set

Causes

- Battery empty
- Jaws dirty or worn
- Jaw assembly loose
- Jaw pusher spring weak
- When trigger is pressed, non-function (red light)

Remedy

charge, if necessary replace
clean and lubricate or replace (see 1.8.)
tighten (see 1.8.)
replace
see par. 3.3.

3.2. No spent mandrel discharge

Causes

- Wrong nosepiece
- Nosepiece worn
- Mandrel jammed in jaws
- Dirt inside head
- Spent mandrel container full
- Mandrel guide tube blocked

Remedy

exchange according to table 1.4.
replace
loosen the mandrel, clean jaws and jaw housing, lubricate surface, respectively
replace jaws (see 1.8.)
clean (see 1.8.)
take off and empty
remove clogged mandrels and check for free ejection (see 1.8.)

GB

3.3. Red light indicates faults

3.3.1. when trigger is pressed

Causes

- Tool not in front position

Remedy

release the trigger

3.3.2. while pulling the rivet

Causes

- Overloading
- Overheating of electronic control
- Battery empty

Remedy

check working capacity according to table 1.4.
allow the tool to cool off in air
charge or replace

3.3.3. after releasing the trigger

Causes

- Jaw assembly does not reach the front position

Remedy

screw on the jaw assembly tightly
(see 1.8. and 3.2.)

3.3.4. Note

- In case of trouble indicated by the red light, which can't be eliminated as described above, the tool has to be repaired by trained personnel only or to be returned to the distributor or the manufacturer.

4. Warranty

This riveting tool has a 24 months warranty from the day of delivery (to be proved by invoice or delivery note). Damage caused by common wearing, overloading or improper handling are excluded from the warranty.

Damages caused by material or manufacturing faults will be covered by this warranty and will be repaired or replaced at no cost. Claims can only be accepted if the **complete** riveting tool (not stripped) is returned to the distributor or **GESIPA**.

5. CE Conformity declaration

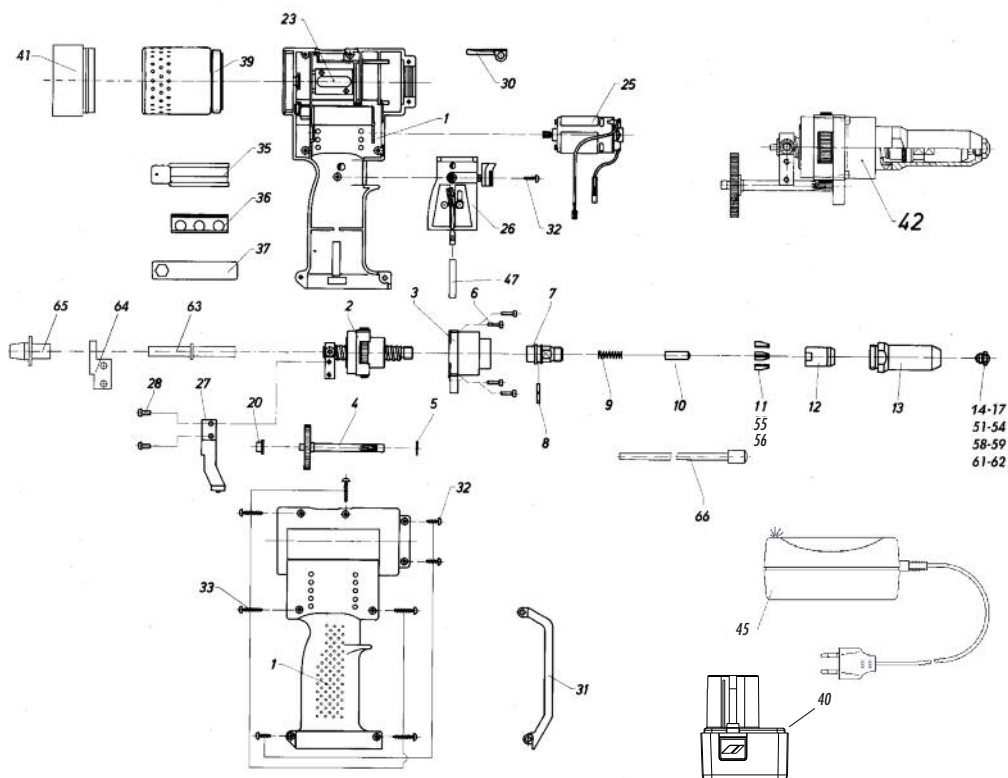
We hereby declare under our sole responsibility that these products meet following standards and directives:

- EN 50260
- EN 60335
- 2006/42/EG
- 2006/95/EG
- 2004/108/EG



H.U. Harder
(Safety Officer)

6. (D) Ersatzteile (NL) Onderdelen (P) Peças sobressalentes
 (GB) Spare Parts (DK) Reservedele (PL) Części zamienne
 (F) Pièces détachées (S) Reservdelsar (H) Alkatrészek
 (E) Piezas de recambio (N) Reservedeler (CZ) Náhradní díly
 (I) Lista dei pezzi di ricambio (FIN) Varaosaluettelo



7.

1	724 3014
2	724 3189
3	725 9185
4	725 9193
5	725 1753
6	725 1982
7	724 3138
8	725 1745
9•	724 3081
10•	724 3073
11•	710 2208
12	713 2123
13	725 1591

14	725 2067
15	725 2083
16	725 2560
17	724 3065
20	725 1893
23	725 1737
25	724 3103
26	725 1850
27	725 9266
28	725 1990
30	724 3022
31	725 1540
32	725 2032

33	725 2024
35	724 3030
36	725 2091
37	725 1834
39	725 9282
40	725 1049
41	725 9328
42	724 3197
45	725 1134
46	725 2555
47	725 5066
51	725 2202
52	725 2210

53	725 2229
54	725 2237
55•	715 1527
56	716 1026
58	725 2250
59	724 3146
61	725 4116
62	725 4124
63	724 3286
64	724 3308
65	724 3316
66	724 3294